



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

644.4115

Job Sheet 181929



Part No: 644.4115

Job Qty: 20 ea

Part Name: Bracket, Small Aft



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 8/13/18

Job Tracking No:

Created By: Marie Lajeunesse

Due Date: 8/24/18

Type: SOLD

Description:

Note: DWG 644.4100 Rev F2 IPP REV:A 16.12.07 NEW ISSUE DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	20 Ea		8/24/18	0.00	0.00	Start Up Waterjet		SC 18/8/18
100	Waterjet	20 pcs		8/24/18	0.00	2.00	Waterjet1		SC 18/8/18
110	QC	20 pcs		8/24/18	0.00	0.00	QC2 Waterjet-4		SC 18/8/18
120	QC	20 pcs		8/24/18	0.00	0.00	QC8-4		
125	Small Fab	20 pcs		8/24/18	0.00	2.00	Small Fab-3		
130	Brake NC	20 pcs		8/24/18	0.00	0.00	Brake NC 1		
140	QC	20 pcs		8/24/18	0.00	0.00	QC5		
150	Outsource	20 pcs		8/24/18			ATG001-VC	8	
160	Packaging	20 pcs		8/24/18	0.00	0.00	Packaging2		
170	QC	20 pcs		8/24/18	0.00	0.00	QC6		
180	SprayPaint	20 pcs		8/24/18	0.00	2.00	Spray Paint		
190	QC	20 pcs		8/24/18	0.00	0.00	QC14		
200	Packaging	20 pcs		8/24/18	0.00	0.00	Packaging3-2		
210	QC21-SA	20 Ea		8/24/18	0.00	0.00	QC21		

Part Op 100 - 1-Cut as per Dwg D Dwg Rev: F2 Prog Rev: F2 2-Deburr if necessary

Descriptions: 125 - C'SINK HOLES AS PER DWG

130 - Form as per DWG.

150 - 1-ISSUE P/O TO ATG: 43514 2-Anodize Black -MPP-172 Section 2.1 -Hard Anodize IAW Mil-A-8625

Type 3 Class 2 3-Certification of Conformity is required

180 - 1- PRIME AS PER DWG SEE NOTE 4 AND MPP-172 BATCH: S200299 2- PAINT AS PER DWG, SEE NOTE 4 AND MPP-172 BATCH: S233311

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M2024T3S.160	2024-T3 .160 Sheet	2.4000 sf (.12 ea)	90-Start up Operation	S054495

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M2024T3S.160	2	28	0

Part Specifications

Specifications could not be found.

Plex 8/13/18 2:48 PM Dart.lajeunesse.marie

INSPECTION SHEET

Rev	Date	Change	Revised by	Approved
A	14.07.31	New Issue	KJ	



Dart Aerospace Ltd.
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PURCHASE ORDER

POHB043514



Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043514

PO Date: 5/22/19

Due Date: 5/29/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Guerin, Kimberley
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	181929	644.4115	Bracket, Small Aft 1-ISSUE P/O TO ATG: 2-Anodize Black -MPP-172 Section 2.1 -Hard Anodize IAW Mil- A-8625 Type 3 Class 2 3-Certification of Conformity is required	Firmed	-	5/29/19	46 pcs	0 pcs	46 pcs	\$8.00/pcs	\$368.00
2	181930	644.4116	Bracket, Small Fwd 1-ISSUE P/O TO ATG: 2. Anodize Black - MPP-172 Section 2.1 - Hard Anodize IAW Mil- A-8625 Type 3 Class 2 3. Certification of Conformity is required 2-Anodize Black -MPP-172 Section 2.1 -Hard Anodize IAW Mil- A-8625 Type 3 Class 2 3-Certification of Conformity is required	Firmed	-	5/29/19	27 pcs	0 pcs	27 pcs	\$8.00/pcs	\$216.00



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PURCHASE ORDER

POHB043514



Items												
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price	
3	194844	RB600N9904-1-1	Plate -Issue P/O; -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Received x3	-	5/29/19 MAY 29 2019	3 pcs	3 pcs	0 pcs	\$10.03/pcs DP	\$0.00	
4	194443	C45-2-1	Sideplate - MRK Outsource process- Anodize per QSI017 4.1.10.1) -Issue P/O to ATG: -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed x11	-	5/29/19 MAY 29 2019	11 pcs	0 pcs	11 pcs	\$10.03/pcs DP	\$110.33	
Grand Total:											\$694.33	

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 5/29/19 3:39 PM Dart.Guerin.Kimberley



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 917913

Date: 30-May-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Patrick Lussier
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
✓ 46 ea	Part: 644.4115 ✓ Bracket, Small Aft Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils). Job: 25175 PO: POHB043514 ✓	Rev: F	Line: 1
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>MAY 30 2019</u> Certified Signature: <u></u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt. RECEIVED MAY 30 2019 DART AEROSPACE LTD.			

Made in Canada.

Entered:

Date:

JR Dec 31/19



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No.

19-7812

Route update only ☐

Job: <u>181929</u> Part No. <u>644.4115</u>	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☒	DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Cross tube ☐</td> <td>Eng. (Non-AW) ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Water Jet ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Supplier Quality ☒</td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Eng. (Non-AW) ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Water Jet ☐	Large Fab ☐	Finishing ☐	Rec/Store/Packaging ☐	Supplier Quality ☒																																
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Date: JUL 12 2019	Sequence #: 170	QTY Affected: 46846		MRB (QSI042)																																													
Description Work Order Deviation -parts have the wrong finish -parts are discoloured and that have a mat finish instead of shiny anodize.		Disposition -DOES NOT AFFECT THE FORM, FIT, NOR FUNCTION. PARTS TO BE PAINTED.		19-12-17 Completed By: DAS 40 9-89 JUL 12 2019 Lead hand / Supervisor 19-12-17 QC / QA Coordinator DAS 68 9-89 OCT 10 2019																																													
Root Cause <table style="width:100%;"> <tr><td>Operator</td><td>☒</td></tr> <tr><td>Manufacturing Process</td><td>☐</td></tr> <tr><td>Equip/Tooling</td><td>☐</td></tr> <tr><td>Handling/Preservation</td><td>☐</td></tr> <tr><td>Material</td><td>☐</td></tr> <tr><td>Product Improvement</td><td>☐</td></tr> <tr><td>Process Improvement</td><td>☐</td></tr> <tr><td>Human Factors</td><td>☐</td></tr> </table>		Operator	☒	Manufacturing Process	☐	Equip/Tooling	☐	Handling/Preservation	☐	Material	☐	Product Improvement	☐	Process Improvement	☐	Human Factors	☐	FAULT CATEGORY <table style="width:100%;"> <tr> <td>☐ Pressure/Forced</td> <td>☐ Contamination</td> <td>☐ Power Loss/Surge</td> <td>☐ Positioned Wrong</td> </tr> <tr> <td>☐ Bending</td> <td>☐ Misaligned/off center</td> <td>☐ Folio/Program</td> <td>☐ Outside Tolerance</td> </tr> <tr> <td>☐ Crushing</td> <td>☐ BOM/Route</td> <td>☐ Grain Direction</td> <td>☐ Drawing</td> </tr> <tr> <td>☐ Cracks</td> <td>☐ Broken/Damage/Defect</td> <td>☐ Weld</td> <td>☒ Finish</td> </tr> <tr> <td>☐ Crimp/Kink/Ripple/Wave/Twist</td> <td>☐ Incomplete/Unclear Instructions</td> <td>☐ Wrong Stock Pulled</td> <td>☐ Part Lost/Missing</td> </tr> <tr> <td>☐ Marks/Chatter</td> <td>☐ Drill Holes</td> <td>☐ Out of Sequence</td> <td>☐ Misread</td> </tr> <tr> <td>☐ Mislabeled</td> <td>☐ Fit/Function</td> <td>☐ Off-set/Set-up</td> <td></td> </tr> </table>				☐ Pressure/Forced	☐ Contamination	☐ Power Loss/Surge	☐ Positioned Wrong	☐ Bending	☐ Misaligned/off center	☐ Folio/Program	☐ Outside Tolerance	☐ Crushing	☐ BOM/Route	☐ Grain Direction	☐ Drawing	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☒ Finish	☐ Crimp/Kink/Ripple/Wave/Twist	☐ Incomplete/Unclear Instructions	☐ Wrong Stock Pulled	☐ Part Lost/Missing	☐ Marks/Chatter	☐ Drill Holes	☐ Out of Sequence	☐ Misread	☐ Mislabeled	☐ Fit/Function	☐ Off-set/Set-up	
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